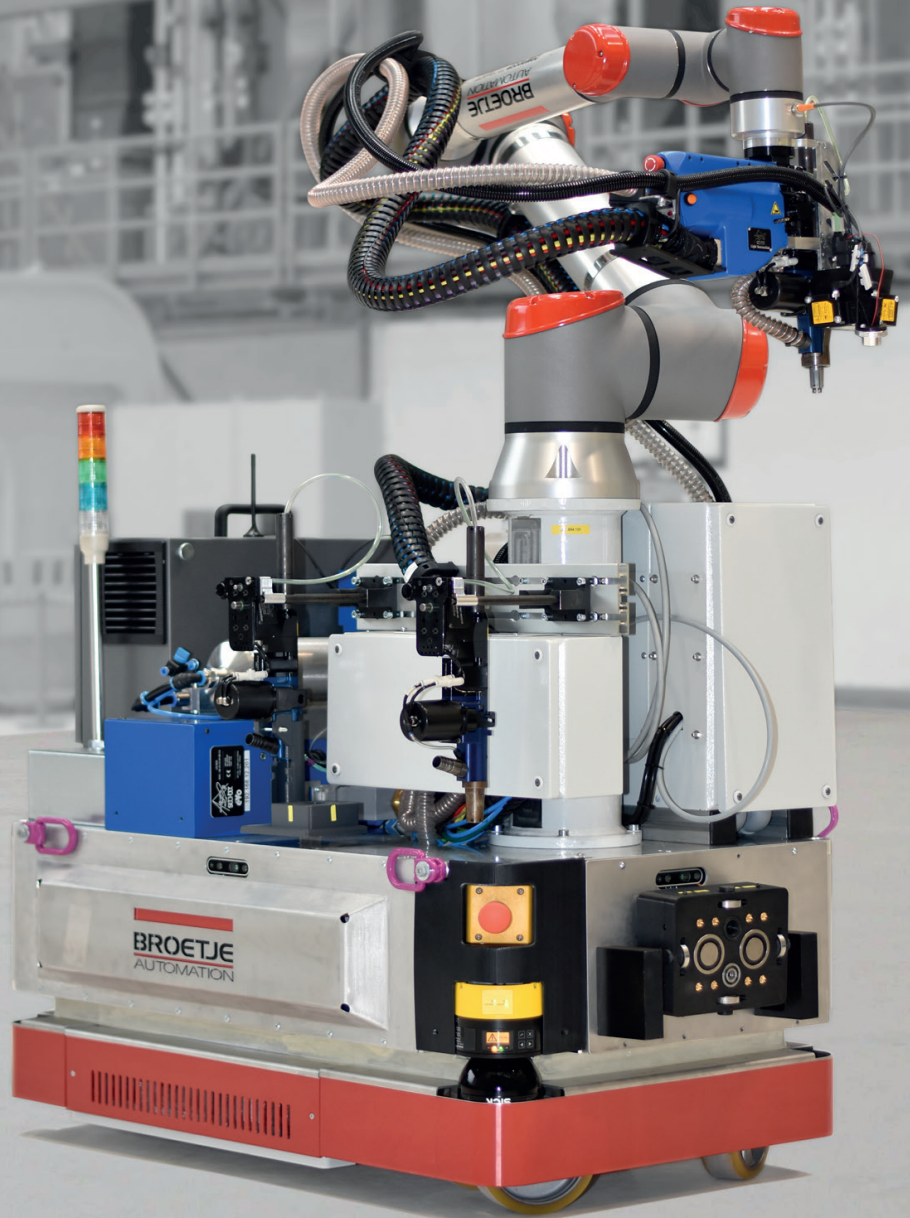


# COBOTS

LIGHT AUTOMATION  
TOOLKIT FOR  
COLLABORATIVE  
ROBOTICS

**COMPOSED** TO COMPETE



- Modular Platform for Collaborative Robots
- Fully Integrated Systems for multiple applications
- Accelerating manual workflows



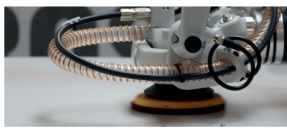
## **COBOT PLATFORM - TECHNICAL INFORMATION**

### Area of Application

Broetje-Automation's modular Cobot framework allows the integration of a wide range of manufacturing processes as well as configurations on mobile or stationary platforms.

Applications are focused on supporting manual workflows where full automation is not possible. They assist workers in their daily tasks by supporting unergonomic or repetitive tasks.

### Industry-Ready Applications



**Sanding**

Easily adjustable precision sanding



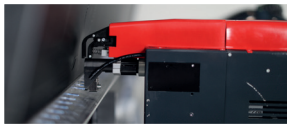
**Sealing**

Cap-, Fillet-, Edge-Sealing



**Drilling**

ADU Template-Drilling for multiple Materials, Countersink or deburr for holes



**Collar installation**

Integrated position and normality sensors



**Quality Assurance**

Contactless optical measurement or customized sensorics



**Multi-system Operation**

Smart coordination of multiple Cobots in work environments via Digital Twin Integration

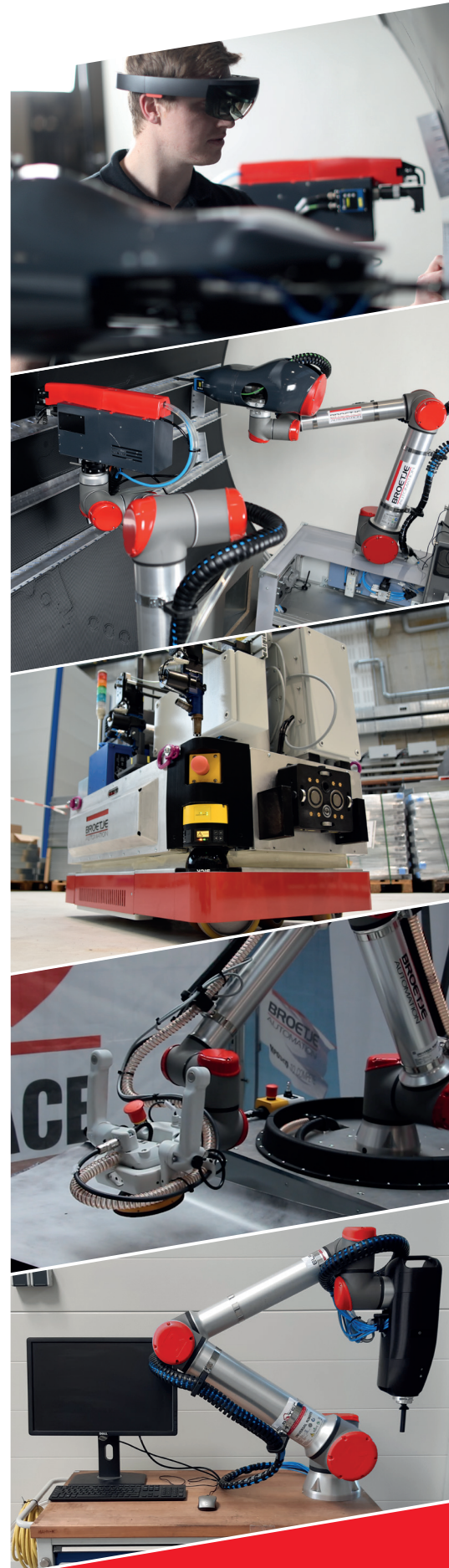


**Disinfection**

Mobile Disinfection unit for applications in industry, transportation or health care

### Special Features

- Full process integration by Broetje-Automation
- State-of-the-art safety systems including CE conformance
- Intelligent collision avoidance and force feedback systems => superb safety
- Modular design => Ability for wide ranged use and easy tooling conversion
- Scalable AGV platforms as well as static platform available
- High Performance end effectors for multiple applications
- Open controller platform for high customization
- Human Machine Interface for efficient and effective operation
- Collection of production data allows for easy process improvement



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